

Team 16: Crystal Wen (wen00015), Lysong Seang (seang006), Shunichi Sawamura (sawam002), Fumisato Teranishi (teran015)

Bug #	Description of bug (be specific about what is not working)	Location of bug (file, class, method, etc.)	Steps to recreate bug and/or Test Case #	Root cause analysis notes
1	When the election type is CPL, it will always print out all the winners instead of the name of the winning candidate within that party.	The location of the bug is in Display Class in the display method.	The bug can be Tested by running a CPL election.	The root cause of the bug is because it always loops through the winner list.
2	When there are more seats than parties, the number of seats allocated does not match the total number of seats in the ballot file.	allocateSeats() method in the Election class	Run the program with the file testCPLSeatsMoreThanParty.csv	The allocateSeats() method does not fully consider all cases.
3	There are missing statistics in the Audit file	Audit class	Run the program with any test csv file.	The statistics were not calculated in the Audit class
4	Display Results and Audit display incorrect winners.	findWinners() method in the CPL, Election, and OPL classes	Run the program with any test csv file.	The root cause is a misunderstanding of the definition of a winner in these elections